

GenCore version 5.1.1.6
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OM nucleic - nucleic search, using sw model

Run on: November 25, 2003, 11:29:08 ; Search time 41 Seconds
(without alignments)
484.445 Million cell updates/sec

Title: US-10-018-878-9

Perfect score: 45

Sequence: 1 agcaacatttaaacagcgctg.....acatattgataatcagggttc 45

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:*

- 1: /cgn2_6/prodata/2/ina/5A_COMB.seq:*
- 2: /cgn2_6/prodata/2/ina/5B_COMB.seq:*
- 3: /cgn2_6/prodata/2/ina/6A_COMB.seq:*
- 4: /cgn2_6/prodata/2/ina/6B_COMB.seq:*
- 5: /cgn2_6/prodata/2/ina/PCTUS_COMB.seq:*
- 6: /cgn2_6/prodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	23.6	52.4	2453	4	US-08-961-527-316
2	21.6	48.0	723	4	US-09-328-352-3411
3	21.2	47.1	580073	4	US-08-545-528D-1
4	21	46.7	190	3	US-09-060-410-8
5	21	46.7	190	4	US-09-723-458-8
6	21	46.7	614	4	US-09-221-017B-1040
7	21	46.7	786	4	US-09-328-352-599
8	21	46.7	1521	4	US-09-328-352-1397
9	21	46.7	2643	4	US-09-486-072-6
10	21	46.7	46819	4	US-09-453-702B-72
11	20.8	46.2	1664976	4	US-08-916-421B-1
12	20.8	46.2	1830121	4	US-09-557-884-1
13	20.8	46.2	1830121	4	US-09-643-990A-1
14	20.6	45.8	882	4	US-09-107-532A-1988
15	20.6	45.8	1696	3	US-09-028-366-1
16	20.4	45.3	1664976	4	US-08-916-421B-1
17	20.2	44.9	1647	6	5405943-3
18	20	44.4	634	3	US-08-998-416-152
19	20	44.4	2091	4	US-09-134-001C-1459
20	20	44.4	3652	4	US-08-961-527-251
21	19.8	44.0	2307	3	US-08-942-008-1
22	19.8	44.0	2853	4	US-09-328-352-542
23	19.8	44.0	7411	4	US-09-634-238-27
24	19.8	44.0	148567	4	US-09-801-876B-3
25	19.6	43.6	595	3	US-09-276-531-63
26	19.6	43.6	846	4	US-08-936-165A-65
27	19.6	43.6	1299	4	US-09-222-938A-38

c	28	19.6	43.6	2235	1	US-08-313-181-3	Sequence 3, Appl
	29	19.6	43.6	19718	4	US-08-961-527-99	Sequence 99, Appl
	30	19.4	43.1	325	5	PCT-US92-09955-13	Sequence 13, Appl
c	31	19.4	43.1	388	3	US-08-604-931-12	Sequence 12, Appl
c	32	19.4	43.1	388	3	US-09-363-639-12	Sequence 12, Appl
	33	19.4	43.1	425	4	US-09-641-638-326	Sequence 326, Appl
	34	19.4	43.1	783	1	US-08-446-922-5	Sequence 5, Appl
	35	19.4	43.1	783	2	US-08-249-189-1	Sequence 1, Appl
	36	19.4	43.1	783	2	US-08-484-624A-1	Sequence 1, Appl
	37	19.4	43.1	783	2	US-08-477-733B-1	Sequence 1, Appl
	38	19.4	43.1	783	3	US-09-088-913A-1	Sequence 1, Appl
	39	19.4	43.1	783	3	US-08-769-819-1	Sequence 1, Appl
	40	19.4	43.1	783	3	US-08-770-974-1	Sequence 1, Appl
	41	19.4	43.1	783	4	US-08-770-981-1	Sequence 1, Appl
	42	19.4	43.1	783	4	US-09-399-106-1	Sequence 1, Appl
	43	19.4	43.1	783	5	PCT-US93-10034-5	Sequence 5, Appl
	44	19.4	43.1	818	1	US-08-431-055-1	Sequence 1, Appl
	45	19.4	43.1	818	3	US-08-858-197-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1

US-08-961-527-316

; Sequence 316, Application US/08961527

; Patent No 6420135

; GENERAL INFORMATION:

; APPLICANT: Charles Kunsch

; TITLE OF INVENTION: Streptococcus pneumoniae Polynucleotides and Sequences

; NUMBER OF SEQUENCES: 391

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Human Genome Sciences, Inc.

; STREET: 9410 Key West Avenue

; CITY: Rockville

; STATE: Maryland

; COUNTRY: USA

; ZIP: 20850

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage

; COMPUTER: HP Vectra 486/33

; OPERATING SYSTEM: MSDOS version 6.2

; SOFTWARE: ASCII Text

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/961,527

; FILING DATE:

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Brookes, A. Anders

; REGISTRATION NUMBER: 36,373

; REFERENCE/DOCKET NUMBER: PB340P1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (301) 309-8504

; TELEFAX: (301) 309-8512

; INFORMATION FOR SEQ ID NO: 316:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 2453 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: double

; TOPOLOGY: linear

US-08-961-527-316

Query Match 52.4%; Score 23.6; DB 4; Length 2453;

Best Local Similarity 76.3%; Pred. No. 5, 4;

Matches 29; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 3 CAACATTAAACAGCGTCAATTAATGATAATCA 40

DB 1335 CAACAAATTAAAGCGTGATAATAAATGTTGATAATCA 1372

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RESULT 2
US-09-328-352-3411/c
; Sequence 3411, Application US/09328352
; Patent No. 6562958
; GENERAL INFORMATION:
; APPLICANT: Gary L. Breton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; FILE REFERENCE: GT099-03PA
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 3411
; LENGTH: 723
; TYPE: DNA
; ORGANISM: Acinetobacter baumannii
US-09-328-352-3411

Query Match      48.0%; Score 21.6; DB 4; Length 723;
Best Local Similarity 68.2%; Pred. No. 25;
Matches 30; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 2 GCAACATTAAACAGCGTCAATTACATATTGATATTAATCAGGTTTC 45
Db 554 GCTAAATTTAAAGCTTAAAGCTGATGATAGGATATATCCGGTTC 511

RESULT 3
US-08-545-528D-1
; Sequence 1, Application US/08545528D
; Patent No. 6537773
; GENERAL INFORMATION:
; APPLICANT: Fraser et al.
; TITLE OF INVENTION: Nucleotide Sequence of the Mycoplasma Genitalium Genome, Fragment
; Patent No. 6537773
; TITLE OF INVENTION: Thereof, and Uses Thereof
; FILE REFERENCE: PB193P1
; CURRENT APPLICATION NUMBER: US/08/545,528D
; CURRENT FILING DATE: 1995-10-19
; PRIOR APPLICATION NUMBER: US 08/488,018
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/473,545
; PRIOR FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 580073
; TYPE: DNA
; ORGANISM: Mycoplasma genitalium
US-08-545-528D-1

Query Match      47.1%; Score 21.2; DB 4; Length 580073;
Best Local Similarity 69.0%; Pred. No. 63;
Matches 29; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 4 AAACATTAAACAGCGTCAATTACATATTGATATTAATCAGGTTTC 45
Db 67183 AAACATAAAATAACGCTGCTTTTATTATCGATCTACGCTTC 67224

RESULT 4
US-09-060-410-8
; Sequence 8, Application US/09060410
; Patent No. 6165461
; GENERAL INFORMATION:
; APPLICANT: Cobb, Melanie
; APPLICANT: Hutchinson, Michele
; APPLICANT: Berman, Kevin
; APPLICANT: Chen, Zhu
; TITLE OF INVENTION: TAO PROTEIN KINASES AND METHODS OF USE
; TITLE OF INVENTION: THEREFOR
; NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/723,458
; FILING DATE: 27-No. 6586242-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,410
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
```

```
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,410
; FILING DATE: 14-APR-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 860098.421
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 190 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-060-410-8

Query Match      46.7%; Score 21; DB 3; Length 190;
Best Local Similarity 66.7%; Pred. No. 37;
Matches 30; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY 1 AGCAACATTAAACAGCGTCAATTACATATTGATATTAATCAGGTTTC 45
Db 8 AGAAAACTTAAAGCCATGGAATGCAATTAATAAAACAGTTTC 52

RESULT 5
US-09-723-458-8
; Sequence 8, Application US/09723458
; Patent No. 6586242
; GENERAL INFORMATION:
; APPLICANT: Cobb, Melanie
; APPLICANT: Hutchinson, Michele
; APPLICANT: Chen, Zhu
; APPLICANT: Berman, Kevin
; TITLE OF INVENTION: TAO PROTEIN KINASES AND METHODS OF USE
; TITLE OF INVENTION: THEREFOR
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/723,458
; FILING DATE: 27-No. 6586242-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,410
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
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REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 860098.421
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 190 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-723-458-8

Query Match 46.7%; Score 21; DB 4; Length 190;
Best Local Similarity 66.7%; Pred. No. 37;
Matches 30; Conservative 0; Mismatches 15; Indels 0; Gaps 0;
QY 1 AGCAAACTTAAACAGCGTGCAATTACATATTGATAATCAGGTTTC 45
DB 8 AGAAAACTTAAAGGCCATGGAATGCAAAATTAAAAACAGTTTC 52

RESULT 6
US-09-221-017B-1040/c
Sequence 1040; Application US/09221017B
Patent No. 6444799
GENERAL INFORMATION:
APPLICANT: ROSS, BRUCE C.
TITLE OF INVENTION: P. GINGIVALIS NUCLEOTIDES AND USES THEREOF
NUMBER OF SEQUENCES: 1120
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FORSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ FOR WINDOWS VERSION 2.0B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/221,017B
FILING DATE: 23-DEC-1998

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PP1182
FILING DATE: 31-DEC-1997
PRIOR APPLICATION DATA: PP1546
APPLICATION NUMBER: PP1546
FILING DATE: 30-JAN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PP2911
FILING DATE: 09-APR-1998
PRIOR APPLICATION DATA: PCT/AU98/01023
FILING DATE: 10-DEC-1998
ATTORNEY/AGENT INFORMATION:
NAME: MONROV, GLADYS H
REGISTRATION NUMBER: 32,430
REFERENCE/DOCKET NUMBER: 27340-20021.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141

INFORMATION FOR SEQ ID NO: 1040:
SEQUENCE CHARACTERISTICS:
LENGTH: 614 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular

MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: UNKNOWN
ORIGINAL SOURCE:
ORGANISM: PORYPHYROMONAS GINGIVALIS
FEATURE:
NAME/KEY: misc feature
LOCATION: 1...614
US-09-221-017B-1040

Query Match 46.7%; Score 21; DB 4; Length 614;
Best Local Similarity 66.7%; Pred. No. 41;
Matches 30; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY 1 AGCAAACTTAAACAGCGTGCAATTACATATTGATAATCAGGTTTC 45
DB 369 AGCAAACTTCAACAGGTCGCAACACTTAGTGAGCATGATTTTC 325

RESULT 7
US-09-328-352-599/c
Sequence 599; Application US/09328352
Patent No. 6562958
GENERAL INFORMATION:
APPLICANT: GARY L. BRETON ET AL.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC99-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 599
LENGTH: 786
TYPE: DNA
ORGANISM: Acinetobacter baumannii
US-09-328-352-599

Query Match 46.7%; Score 21; DB 4; Length 786;
Best Local Similarity 73.0%; Pred. No. 42;
Matches 27; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 8 ATTAACAGCGTGCAATTACATATTGATAATCAGGTT 44
DB 341 ACTAAACAGGATCAAGTACATATTGATAGTCAGGAT 305

RESULT 8
US-09-328-352-1397/c
Sequence 1397; Application US/09328352
Patent No. 6562958
GENERAL INFORMATION:
APPLICANT: GARY L. BRETON ET AL.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC99-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 1397
LENGTH: 1521
TYPE: DNA
ORGANISM: Acinetobacter baumannii
US-09-328-352-1397

Query Match 46.7%; Score 21; DB 4; Length 1521;
Best Local Similarity 66.7%; Pred. No. 45;
Matches 30; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY 1 AGCAAACTTAAACAGCGTGCAATTACATATTGATAATCAGGTTTC 45
DB 1032 AGCCAAAGTAAATCGCGTGAATTGCAGATGGATTATCCGACTC 988


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; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (871619) ..(871619)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1084830) ..(1084830)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1096846) ..(1096846)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1119881) ..(1119881)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1130881) ..(1130881)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1310988) ..(1310988)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1313224) ..(1313224)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1349473) ..(1349473)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1349491) ..(1349491)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1470091) ..(1470091)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1569020) ..(1569020)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1602912) ..(1602912)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1603734) ..(1603734)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1637998) ..(1637998)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc feature
; LOCATION: (1664854) ..(1664855)
; OTHER INFORMATION: n equals a, t, c, or g
; US-08-916-421B-1

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QY 5 AACATTAAACAGCGGTGCAATTACATATTTGATAATCAGGTT 44
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Db 1077378 AAAATTAAATATCATACAGTCAAAGATTGATGATTGTT 1077399

US-09-557-884-1
; Sequence 1, Application US/09557884
; Patent No. 6506581
; GENERAL INFORMATION:

NUMBER OF SEQUENCES: 1

CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: MD
COUNTRY: USA

[illegible]

/ NAME/KEY: misc feature
/ LOCATION: (B) LOCATION 1...882
/ SEQUENCE DESCRIPTION: SEQ ID NO: 1988:
US-09-107-532A-1988

Search completed: November 25, 2003, 12:18:16
Job time : 57 secs

Query Match 45.8%; Score 20.6; DB 4; Length 882;
Best Local Similarity 74.3%; Pred. No. 59;
Matches 26; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 3 CAACATTAAACAGCGTGCATTAATCATATTTGATAA 37
Db 671 CAATATTTCATCAGCGTGAAATCCCTTAATGATAA 637

RESULT 15
US-09-028-366-1
; Sequence 1, Application US/09028366
; Patent No. 6150501
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: HONG, XIQIANG
; APPLICANT: MA, DONG
; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
; TITLE OF INVENTION: CYCLOPHILIN AND RELATED METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSER: New England Biolabs, Inc.
; STREET: 32 Tozer Road
; CITY: Beverly
; STATE: MA
; COUNTRY: US
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/028,366
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Gregory D
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 978-927-5054
; TELEFAX: 978-927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1696 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 25..1603
; OTHER INFORMATION:
US-09-028-366-1

Query Match 45.8%; Score 20.6; DB 3; Length 1696;
Best Local Similarity 67.4%; Pred. No. 63;
Matches 29; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 2 GCAACATTAAACAGCGTGCATTAATCATATTTGATAA 44
Db 528 GGAAAAATTAAACATTGAGCAATTTTCATCATGTAAAACTGGAT 570

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```
; APPLICANT: Krops, Joel
; APPLICANT: Wang, Xun
; APPLICANT: Zhu, Tong
; TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
; FILE REFERENCE: SAME, AND METHODS OF USE
; FILE REFERENCE: SRIPI300-3
; CURRENT APPLICATION NUMBER: US/09/938,842A
; CURRENT FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 60/227,866
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: US 60/264,647
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/300,111
; PRIOR FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 5379
; SEQ ID NO 3804
; LENGTH: 2000
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-938-842A-3804

Query Match      52.0%; Score 23.4; DB 10; Length 2000;
Best Local Similarity 73.2%; Pred. No. 1.7e+02;
Matches 30; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy      3 CAACATTAAACACGCGTGCAATTACATATTGATTAATCAGGT 43
Db      468 CAAGTATTAAATCATCGTACGATTACATGTTTCATATTAAAGTT 428

RESULT 3
US-09-910-943-129
; Sequence 129, Application US/09910943
; Patent No. US20020081610A1
; GENERAL INFORMATION:
; APPLICANT: Hemmati-Brivanlou, Ali
; APPLICANT: Altman, Curtis
; TITLE OF INVENTION: Assays and Materials for Embryonic Gene Expression
; FILE REFERENCE: 7529/1G148US1
; CURRENT APPLICATION NUMBER: US/09/910,943
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 742
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 129
; LENGTH: 771
; TYPE: DNA
; ORGANISM: Xenopus laevis
; NAME/KEY: misc feature
; LOCATION: (1)...(771)
; OTHER INFORMATION: n may be a or g or c or t/u
US-09-910-943-129

Query Match      51.1%; Score 23; DB 9; Length 771;
Best Local Similarity 74.4%; Pred. No. 1.8e+02;
Matches 29; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

Qy      3 CAACATTAAACACGCGTGCAATTACATATTGATTAATCAG 41
Db      435 CATACAATATACAGTGTACATATATATTGGTAAATTAG 473

RESULT 4
US-10-020-141-5/c
; Sequence 5, Application US/10020141
; Publication No. US20030092013A1
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Jeanette
; APPLICANT: Ableson, Allen
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF VASCULAR DISEASE
; FILE REFERENCE: MMI-002
; CURRENT APPLICATION NUMBER: US/10/020,141
; CURRENT FILING DATE: 2001-12-14
```

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; PRIOR APPLICATION NUMBER: US 60/313,097
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: US 60/327,485
; PRIOR FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 183337
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-020-141-5

Query Match      51.1%; Score 23; DB 14; Length 183337;
Best Local Similarity 74.4%; Pred. No. 7.3e+02;
Matches 29; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

Qy      2 GCAACATTAAACACGCGTGCAATTACATATTGATTAATCA 40
Db      132374 GCCAACATTACTGTCTGCAATAGATATTCCTAATCA 132336

RESULT 5
US-10-032-585-6062/c
; Sequence 6062, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6062
; LENGTH: 447
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-6062

Query Match      50.2%; Score 22.6; DB 12; Length 447;
Best Local Similarity 68.9%; Pred. No. 2.2e+02;
Matches 31; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

Qy      1 AGCAACATTAAACACGCGTGCAATTACATATTGATTAATCAGGTTTC 45
Db      156 ACCAATGATTAAATAATCGTTGAAATCCAGTTTGATTAACCATATTC 112

RESULT 6
US-10-027-632-238109
; Sequence 238109, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; CURRENT APPLICATION NUMBER: US 60/156,358
```

```
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 238109
; LENGTH: 637
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-238109
```

```
Query Match 49.8%; Score 22.4; DB 12; Length 637;
Best Local Similarity 72.5%; Pred. No. 2.8e+02;
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
```

```
QY 4 AAACATTAAACAGCGTGCATTTACATATTGATAATCAGGT 43
| | | | | | | | | | | | | | | | | | | | | |
Db 13 AAACATTACCAGCTCCCAATTATAAATTTATAAATAGAT 52
```

```
RESULT 7
US-10-027-632-238110
; Sequence 238110, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 238110
; LENGTH: 637
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-238110
```

```
Query Match 49.8%; Score 22.4; DB 12; Length 637;
Best Local Similarity 72.5%; Pred. No. 2.8e+02;
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
```

```
QY 4 AAACATTAAACAGCGTGCATTTACATATTGATAATCAGGT 43
| | | | | | | | | | | | | | | | | | | | | |
Db 13 AAACATTACCAGCTCCCAATTATAAATTTATAAATAGAT 52
```

```
RESULT 8
US-10-027-632-238109
; Sequence 238109, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
```

```
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 238109
; LENGTH: 637
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-238109
```

```
Query Match 49.8%; Score 22.4; DB 13; Length 637;
Best Local Similarity 72.5%; Pred. No. 2.8e+02;
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
```

```
QY 4 AAACATTAAACAGCGTGCATTTACATATTGATAATCAGGT 43
| | | | | | | | | | | | | | | | | | | | | |
Db 13 AAACATTACCAGCTCCCAATTATAAATTTATAAATAGAT 52
```

```
RESULT 9
US-10-027-632-238110
; Sequence 238110, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 238110
; LENGTH: 637
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-238110
```

```
Query Match 49.8%; Score 22.4; DB 13; Length 637;
Best Local Similarity 72.5%; Pred. No. 2.8e+02;
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
```

```
QY 4 AAACATTAAACAGCGTGCATTTACATATTGATAATCAGGT 43
| | | | | | | | | | | | | | | | | | | | | |
Db 13 AAACATTACCAGCTCCCAATTATAAATTTATAAATAGAT 52
```

```
RESULT 10
US-10-027-632-148927
```

```
; Sequence 148927, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 148927
; LENGTH: 814
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-148927

Query Match          49.8%; Score 22.4; DB 12; Length 814;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      8 ATTAACAGCGTGCATTAATGATAATC 39
      ||| ||| ||| ||| ||| ||| ||| |||
Db     123 AATAAGAGCGTGCATTAATGATAATC 154

RESULT 11
US-10-027-632-148927
; Sequence 148927, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 148927
; LENGTH: 814
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-148927

Query Match          49.8%; Score 22.4; DB 13; Length 814;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      8 ATTAACAGCGTGCATTAATGATAATC 39
      ||| ||| ||| ||| ||| ||| ||| |||
Db     123 AATAAGAGCGTGCATTAATGATAATC 154

RESULT 12
US-10-027-632-202630
; Sequence 202630, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 202630
; LENGTH: 1223
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-202630

Query Match          48.4%; Score 21.8; DB 12; Length 1223;
Best Local Similarity 70.7%; Pred. No. 5.5e+02;
Matches 29; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY      4 AAACATTAAACAGCGTGCATTAATGATAATCAGGTT 44
      ||| ||| ||| ||| ||| ||| ||| |||
Db     838 ATAAATAAAATTCATGAATTTATTTATGATTCAGGTT 878

RESULT 13
US-10-027-632-202630
; Sequence 202630, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
```

```
; Sequence 148927, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 148927
; LENGTH: 814
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-148927

Query Match          49.8%; Score 22.4; DB 12; Length 814;
Best Local Similarity 81.2%; Pred. No. 3e+02;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      8 ATTAACAGCGTGCATTAATGATAATC 39
      ||| ||| ||| ||| ||| ||| ||| |||
Db     123 AATAAGAGCGTGCATTAATGATAATC 154

RESULT 11
US-10-027-632-148927
; Sequence 148927, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 148927
; LENGTH: 814
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-148927

Query Match          49.8%; Score 22.4; DB 13; Length 814;
```

```
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 202630
; LENGTH: 1223
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-202630

Query Match      48.4%; Score 21.8; DB 13; Length 1223;
Best Local Similarity 70.7%; Pred. No. 5.5e+02;
Matches 29; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 4 AAACATTAAACAGCGTGCATATACATATTGATAATCAGGTT 44
    |||||
Db 838 ATAATAAAATGATGAATATTATTGATATTCAGGTT 878
    |||||

RESULT 14
US-10-311-455-1851/c
; Sequence 1851, Application US/10311455
; Publication No. US20030143606A1
; GENERAL INFORMATION:
; APPLICANT: OLEK, Alexander
; APPLICANT: PIEPENBROCK, Christian
; APPLICANT: BERLIN, Kurt
; TITLE OF INVENTION: Diagnosis of Diseases Associated with the Immune System by Determining Cytosine Methylation
; TITLE OF INVENTION: Cytosine methylation
; FILE REFERENCE: 5013.1014
; CURRENT APPLICATION NUMBER: US/10/311,455
; CURRENT FILING DATE: 2002-12-16
; PRIOR APPLICATION NUMBER: PCT/EP01/07537
; PRIOR FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: DE 10032529.7
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: DE 10043826.1
; PRIOR FILING DATE: 2000-09-01
; NUMBER OF SEQ ID NOS: 2424
; SEQ ID NO 1851
; LENGTH: 5378
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-311-455-1851

Query Match      48.4%; Score 21.8; DB 12; Length 5378;
Best Local Similarity 70.7%; Pred. No. 8e+02;
Matches 29; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 4 AAACATTAAACAGCGTGCATATACATATTGATAATCAGGTT 44
    |||||
Db 1452 AATCACTAAACTCGTACCATAATATTATTAATAATAAATT 1412
    |||||

RESULT 15
US-10-067-514-1/c
; Sequence 1, Application US/10067514
; Publication No. US20030054531A1
; GENERAL INFORMATION:
; APPLICANT: Gretarsdottir, Solveig
; APPLICANT: Jonsdottir, Sif
; APPLICANT: Reynisdottir, Sigrður Th.
; TITLE OF INVENTION: HUMAN STROKE GENE
; FILE REFERENCE: 2345.2010-003
; CURRENT APPLICATION NUMBER: US/10/067,514
; CURRENT FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: US 09/811/352
; PRIOR FILING DATE: 2001-03-19
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1691139
```

```
; TYPE: DNA
; ORGANISM: Human
US-10-067-514-1

Query Match      48.4%; Score 21.8; DB 14; Length 1691139;
Best Local Similarity 70.7%; Pred. No. 1.6e+03;
Matches 29; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 1 AGCAACACATTAAACAGCGTGCATATACATATTGATAATCAG 41
    |||||
Db 143245 AGCAACACAGTAAACTGCTCACATTTACCAGTCTATACTCAG 143205
    |||||

Search completed: November 25, 2003, 13:44:20
Job time : 306 secs
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